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Product datasheet for RC222238L3V

KCNC3 (NM_004977) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KCNC3 (NM_004977) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KCNC3
Synonyms:	KSHIIID; KV3.3; SCA13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004977
ORF Size:	2271 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC222238).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_004977.2
RefSeq Size:	3176 bp
RefSeq ORF:	2274 bp
Locus ID:	3748
UniProt ID:	Q14003
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Ion Channels: Potassium, Transmembrane
MW:	80.4 kDa

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Gene Summary: The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Alternate splicing results in several transcript variants. [provided by RefSeq, Mar 2014]

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